

Title (en)

Multiple location load control system

Title (de)

Laststeuervorrichtung mit mehreren Einbauorten

Title (fr)

Système de commande de charge à emplacements multiples

Publication

EP 2170014 B1 20111005 (EN)

Application

EP 09175213 A 20080423

Priority

- EP 08767400 A 20080423
- US 92578207 P 20070423
- US 1602707 P 20071221
- US 10661408 A 20080421

Abstract (en)

[origin: EP2293651A1] A multiple location load control system comprises a main device and remote devices, which do not require neutral connections, but allow for visual and audible feedback at the main device and the remote devices. The main device and the remote devices are adapted to be coupled in series electrical connection between an AC power source and an electrical load, and to be further coupled together via an accessory wiring. The remote devices can be wired on the line side and the load side of the load control system, such that the main device is wired 'in the middle' of the load control system. The main device is operable to enable a charging path to allow the remote devices to charge power supplies through the accessory wiring during a first time period of a half-cycle of the AC power source. The main device and the remote devices are operable to communicate with each other via the accessory wiring during a second time period of the half-cycle.

IPC 8 full level

H05B 37/02 (2006.01)

CPC (source: EP US)

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